

SEQUENCE LISTING

- <110> Hyeyoung Lee, Hye Eun Bang, Sang-Nae Cho, Gill-Han BAI,
Sang-Jae Kim
- <120> A method for identifying Micobacteria tuberculosis and
non-tuberculosis Micobacteria, together with detecting resistance
to an antituberculosis drug of Micobacteria obtained by mutation
of rpoB gene
- <130> 0217-0008
- <160> 30
- <170> KopatentIn 1.71
- <210> 1
<211> 25
<212> DNA
<213> Artificial Sequence
- <220>
<223> MOTT-rpo-long-B-5' primer for PCR amplication of rpoB gene
- <400> 1
tcaaggagaa gcgctacgac ctggc 25
- <210> 2
<211> 24
<212> DNA
<213> Artificial Sequence
- <220>
<223> TR8-long-NB-3' primer for PCR amplication of rpoB gene
- <400> 2
acgggtgcac gtcgcggacc tcca 24
- <210> 3
<211> 20
<212> DNA
<213> Artificial Sequence
- <220>
<223> Oligomer probe for all types of Mycobacteria
- <400> 3
gacgtcgtcg ccaccatcga 20
- <210> 4

<211> 15
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligomer probe for M. tuberculosis complex

<400> 4
 catgtcggcg agccc 15

<210> 5
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligomer probe for M. avium

<400> 5
 aaacggtgag ccgatcacc 19

<210> 6
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligomer probe for M. intracellulae

<400> 6
 aaacctgcac gcgggcga 18

<210> 7
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligomer probe for M. scrofulaceum

<400> 7
 aaaaacgtac ggatggccag c 21

<210> 8
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>

2005-10-20 10:25:00

<223> Oligomer probe for *M. kansasii* type I + V

<400> 8
aaaggccacg atgaccgtg 19

<210> 9
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for *M. kansasii* type II + III + IV

<400> 9
aaaaatctca ggatggccag c 21

<210> 10
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for *M. gastri*

<400> 10
aaaaatctca gggtggccag g 21

<210> 11
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for *M. fortuitum* complex

<400> 11
cctgaacgcc ggccag 16

<210> 12
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for *M. peregrinum*

<400> 12
gttccggtcg aggtgg 16

<210> 13
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligomer probe for *M. chelonae*

<400> 13
 aaatggtgac tgccaccacg 20

<210> 14
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligomer probe for *M. abscessus*

<400> 14
 aaaaggtgac caccaccacc 20

<210> 15
 <211> 15
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligomer probe for *M. ulcerans*

<400> 15
 ggccagccca tcacc 15

<210> 16
 <211> 16
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligomer probe for *M. genavense*/*M. simiae*

<400> 16
 ccagccgacg atgacg 16

<210> 17
 <211> 19
 <212> DNA

<213> Artificial Sequence

<220>

<223> Oligomer probe for *M. gordonae* type I, III, IV

<400> 17

aaagtcggcg atccgatca

19

<210> 18

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligomer probe for *M. gordonae* type II

<400> 18

aaaaacgtcg gcaagccga

19

<210> 19

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligomer probe for *M. szulgai*

<400> 19

aaatctgaac gtcggcgag

19

<210> 20

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligomer probe for *M. terrae*

<400> 20

aaagctcagg acggtcagt

19

<210> 21

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligomer probe for Wild Type 509-514

<400> 21
aaccagctga gccaatc 18

<210> 22
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for M. Wild Type 515-520

<400> 22
atggaccaga acaaccg 18

<210> 23
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for Wild Type 521-525

<400> 23
aaactgtcgg ggttgacc 18

<210> 24
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for Wild Type 524-529

<400> 24
ttgacccaca agcgccga 18

<210> 25
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for Wild Type 530-534

<400> 25
ctgtcggcgc tggggc 16

<210> 26
 <211> 16
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligomer probe for Mutant Type 531TTG

<400> 26
 ctgttggcgc tggggc 16

<210> 27
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligomer probe for Mutant Type 526 AAC

<400> 27
 aaaaccaaca agcgccga 18

<210> 28
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligomer probe for Mutant Type 516 GTC

<400> 28
 aatggtccag aacaaccg 19

<210> 29
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligomer probe for Mutant Type 513 CCA

<400> 29
 aaagctgacc ccattcat 18

<210> 30
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
<223> Oligomer probe for Mutant Type 511CCG

<400> 30
aaagccgagc ccattcat

18

2005-10-23 10:00